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PATENT ABSTRACTS OF JAPAN

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(54) GALVANOMETER CONTROLLER

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a galvanometer controller which is provided with a rotational position correcting means capable of correcting the fluctuated portion of the characteristic of a position sensor quickly and highly accurately by a simple means in which the applying of fabrication is not necessary actually to a material to worked.

SOLUTION: In this galvanometer controller, when a correction mode is set when a fluctuation is generated in the output signal of a position sensor 9 by receiving the effect of environmental change or the like, a position instruction generating means 1 outputs a position instruction signal rotating a galvanometer 8 to a position where it is brought into contact with a mechanical limiter. When an instructed position by the position instruction signal at the point of time when the limit position of the galvanometer 8 is detected is different from a relational expression, the means 1 in which an arithmetic means 6 performs an operation changing the relational expression so as to correspond to the

fluctuated portion of the sensor 9 outputs the position instruction signal of the instructed position which is calculated based on the relational expression changed by the means 6.

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